

What is claimed is:

1. An inkjet printer printing an image on a recording medium which is fed in a first direction, comprising:

an inkjet head that is driven to eject ink to a recording medium;

a carriage mounting the inkjet head, the carriage being reciprocally movable in a second direction which is perpendicular to the first direction;

a movable ink tank that is mounted on the carriage, the movable tank having an ink storing chamber, the ink tank having an ink introducing channel and an ink discharging opening, ink supplied through the ink introducing channel being stored in the ink storing chamber, the ink stored in the ink storing chamber being discharged through the ink discharging opening to the inkjet head; and

at least one wall provided in the ink chamber, the at least one wall extending vertically to divide the ink chamber, in the horizontal direction, into a plurality of rooms, the plurality of rooms communicating with each other at upper portions which are above an upper end of the at least one wall, a first room, which is one of the plurality of rooms, being provided with the ink introducing channel,

wherein a horizontal cross-sectional area of at least one second room, which one of the plurality of rooms other

than the first room, within a predetermined vertical range from the upper end of the at least one wall is equal to or smaller than that of the first room.

2. The inkjet printer according to claim 1, wherein a horizontal cross-sectional area of the at least one second room below the predetermined vertical range is greater than the horizontal cross-sectional area thereof within the predetermined vertical range.

3. The inkjet printer according to claim 2, wherein horizontal cross-sectional areas of the plurality of the rooms other than the first room within a predetermined vertical range from the upper ends of the at least one wall are equal to or smaller than that of the first room.

4. The inkjet printer according to claim 3, wherein horizontal cross-sectional areas of the plurality of the rooms other than the first room below the predetermined vertical range are greater than the horizontal cross-sectional areas thereof within the predetermined vertical range.

5. The inkjet printer according to claim 2, wherein at least one room of the plurality of the rooms other than the

first room has a vertical range, in the vicinity of the upper end of the at least one wall, in which the horizontal cross-sectional area is fixed.

6. The inkjet printer according to claim 2, wherein the at least one second room has a vertical range, below the predetermined vertical range, in which the horizontal cross-sectional area increases toward a lower portion thereof.

7. The inkjet printer according to claim 2, wherein at least one of the plurality of the rooms other than the first room has a vertical range, above the upper end of the at least one wall, in which a horizontal cross-sectional area is greater than that in the predetermined vertical range.

8. The inkjet printer according to claim 2, further comprising:

a stationary ink tank which does not move when the carriage moves; and

a tube member that connects the stationary ink tank and the movable ink tank to allow the ink to be supplied from the stationary ink tank to the movable ink tank.

9. The inkjet printer according to claim 2, wherein each of the at least one wall has a portion extending in directions substantially perpendicular to the first direction.

10. The inkjet printer according to claim 9, wherein a portion of a side wall of the first room facing the portion extending in directions substantially perpendicular to the first direction is formed with flexible material.

11. The inkjet printer according to claim 2, wherein the at least one wall consists of a single wall, the ink chamber being divided into two rooms by the single wall.

12. The inkjet printer according to claim 1, wherein a horizontal cross-sectional area of the first room below the predetermined vertical range is greater than the horizontal cross-sectional area thereof within the predetermined vertical range.

13. The inkjet printer according to claim 12, wherein the first room has a vertical range, in the vicinity of the upper end of the at least one wall, in which the horizontal cross-sectional area is fixed.

14. The inkjet printer according to claim 12, wherein the first room has a vertical range, below the predetermined vertical range, in which the horizontal cross-sectional area increases toward a lower portion thereof.

15. The inkjet printer according to claim 12, wherein the first room has a vertical range, above the upper end of the at least one wall, in which a horizontal cross-sectional area is greater than that in the predetermined vertical range.

16. The inkjet printer according to claim 12, further comprising:

a stationary ink tank which does not move when the carriage moves; and

a tube member that connects the stationary ink tank and the movable ink tank to allow the ink to be supplied from the stationary ink tank to the movable ink tank.

17. The inkjet printer according to claim 12, wherein each of the at least one wall has a portion extending in directions substantially perpendicular to the first direction.

18. The inkjet printer according to claim 17, wherein a

portion of a side wall of the first room facing the portion extending in directions substantially perpendicular to the first direction is formed with flexible material.

19. An inkjet printer printing an image on a recording medium which is fed in a first direction, comprising:

an inkjet head that is driven to eject ink to a recording medium;

a carriage mounting the inkjet head, the carriage being reciprocally movable in a second direction which is perpendicular to the first direction;

a movable ink tank that is mounted on the carriage, the movable tank having an ink storing chamber, the ink tank having an ink introducing channel and an ink discharging opening, ink supplied through the ink introducing channel being stored in the ink storing chamber, the ink stored in the ink storing chamber being discharged through the ink discharging opening to the inkjet head; and

at least one wall provided in the ink chamber, the at least one wall extending vertically to divide the ink chamber, in the horizontal direction, into a plurality of rooms, the plurality of rooms communicating with each other at an portion of the ink chamber which is above an upper end of the at least one wall,

wherein the upper portion of the ink chamber includes a

first vertical range above the upper end of the at least one wall and a second vertical range above the first vertical area, a horizontal cross-sectional area in the second vertical range is smaller than that in the first vertical range.

20. An inkjet printer printing an image on a recording medium which is fed in a first direction, comprising:

an inkjet head that is driven to eject ink to a recording medium;

a carriage mounting the inkjet head, the carriage being reciprocally movable in a second direction which is perpendicular to the first direction;

a movable ink tank that is mounted on the carriage, the movable tank having an ink storing chamber, the ink tank having an ink introducing channel and an ink discharging opening, ink supplied through the ink introducing channel being stored in the ink storing chamber, the ink stored in the ink storing chamber being discharged through the ink discharging opening to the inkjet head; and

at least one wall provided in the ink chamber, the at least one wall extending vertically to divide the ink chamber, in the horizontal direction, into a plurality of rooms, the plurality of rooms communicating with each other at upper portions which are above an upper end of the at

least one wall, one of the plurality of rooms being provided with the ink introducing channel,

wherein a horizontal cross-sectional area of at least one of the plurality of rooms within a predetermined vertical range from the upper end of the at least one wall is less than that at a range below the predetermined vertical range.